

4 for generating a series of one or more non-ablative pulses to be delivered to the area of tissue  
5 to be treated in order to raise a temperature at the surface of the area of tissue to be treated to  
6 a temperature sufficient to generate coagulation at the coagulation depth when the laser source  
7 is in a coagulation mode, wherein the laser source comprises two or more lasers which are  
8 combined into a single laser output to provide the one or more non-ablative pulses.

sb 1 52 8. (Amended) The medical laser delivery apparatus as claimed in claim 1  
2 wherein [the] at least one of the lasers [source includes a laser having] has a short penetration  
3 depth.

A2 9. (Amended) The medical laser delivery apparatus as claimed in claim 8  
2 wherein [the] at least one of the lasers is an erbium laser.

1 10. (Amended) The medical laser delivery apparatus as claimed in claim 8  
2 wherein the erbium laser is an Er:YAG laser.

1 11. (Amended) A medical laser comprising:  
2 a. a laser source having two or more lasers which are combined for generating a  
3 laser beam having a predetermined absorption length, wherein the absorption  
4 length forms a predetermined coagulation depth in response to an ablative laser  
5 pulse; and  
6 b. a laser control system coupled for controlling the laser source for generating a  
7 plurality of coagulative laser pulses, such that each such coagulative laser pulse  
8 is delivered in sequence to a target area to form a coagulation region deeper  
9 than the predetermined coagulation depth.